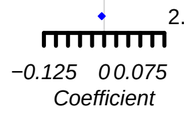
[Variable Group LASSO] Multivariate linear model of Stably−selected Features against LTL

Group	Variable	Level	Coefficient (95% CI)	P−value
Baseline Characteristics	Age at recruitment		−0.101 [−0.104 , −0.097]	0.00x10^+00
	Sex	Female	0.023 [0.021 , 0.025]	2.25x10^−166
Education	Age completed full time education	[10, 15)	0.037 [0.013 , 0.061]	2.19x10^−03
		[15, 20)	0.032 [0.009 , 0.055]	5.63x10^−03
		[20, 25)	0.034 [0.011 , 0.057]	3.59x10^−03
		[25, 30)	0.042 [0.018 , 0.067]	7.29x10^−04
		[30, 35)	0.035 [0.008 , 0.061]	1.17x10^−02
		{35}	0.014 [−0.019 , 0.047]	4.03x10^−01
		Never went to school	0.039 [0.005 , 0.073]	2.51x10^−02
		Unknown	0.032 [0.009 , 0.055]	7.25x10^−03
	Qualifications	A levels/AS levels or equivalent	0.007 [0.004 , 0.01]	5.61x10^−06
		College or University degree	0.009 [0.002 , 0.015]	6.21x10^−03
		CSEs or equivalent	0.002 [−0.001 , 0.006]	2.30x10^−01
		NVQ or HND or HNC or equivalent	0.003 [−0.001 , 0.006]	1.11x10^−01
		O levels/GCSEs or equivalent	0.004 [0.002 , 0.006]	1.19x10^−03
		Other professional qualifications eg: nursing, teaching	0.004 [0 , 0.008]	3.15x10^−02
		Unknown	0.01 [0.003 , 0.017]	4.60x10^−03
	Professional qualifications	Yes	0.002 [0.001 , 0.004]	6.98x10^−03
Lifestyle	Pub or social club	Yes	−0.002 [−0.003 , 0]	4.52x10^−02
	Religious group	Yes	0.003 [0.001 , 0.005]	2.67x10^−03
	Walk excluding work	Yes	0.001 [−0.001 , 0.002]	4.47x10^−01
	Frequency of friend family visits	2−4 times a week	−0.005 [−0.011 , 0.001]	8.02x10^−02
		About once a month	−0.001 [−0.007 , 0.005]	6.75x10^−01
		About once a week	−0.004 [−0.01 , 0.002]	1.99x10^−01
		Almost daily	−0.007 [−0.013 , −0.001]	1.85x10^−02
		No friends/family outside household	−0.006 [−0.02 , 0.009]	4.53x10^−01
		Once every few months	−0.002 [−0.008 , 0.004]	5.87x10^−01
		Unknown	−0.001 [−0.011 , 0.01]	9.01x10^−01
Mental Health	Serious illness injury or assault to yourself	Yes	−0.001 [−0.004 , 0.001]	3.28x10^−01
Physical Activity	Usual walking pace	Brisk pace	0.003 [0.002 , 0.005]	6.33x10^−06
		None of the above	−0.005 [−0.019 , 0.008]	4.43x10^−01
		Slow pace	−0.004 [−0.007 , −0.002]	1.46x10^−03
		Unable to walk	−0.019 [−0.048 , 0.009]	1.89x10^−01
		Unknown	−0.001 [−0.031 , 0.03]	9.63x10^−01
	Other exercises eg swimming cycling keep fit bowling	Unknown	0.008 [−0.023 , 0.039]	6.21x10^−01
		Yes	0.002 [0 , 0.003]	3.52x10^−02
	Heavy DIY eg weeding lawn mowing carpentry digging	Yes	0.002 [0.001 , 0.004]	1.49x10^−03
Sleep	Morning evening person chronotype	Definitely a 'morning' person	−0.003 [−0.006 , 0]	3.48x10^−02
		More a 'morning' than 'evening' person	−0.002 [−0.005 , 0]	9.12x10^−02
		More an 'evening' than a 'morning' person	−0.001 [−0.004 , 0.001]	3.39x10^−01
		Unknown	−0.001 [−0.004 , 0.003]	7.20x10^−01
Smoking	Past tobacco smoking	Current tobacco smoker	−0.009 [−0.012 , −0.006]	2.02x10^−10
		Just tried once or twice	0.003 [0.001 , 0.005]	1.48x10^−02
		Smoked occasionally	0.002 [−0.001 , 0.004]	1.51x10^−01
		Smoked on most or all days	−0.001 [−0.003 , 0.001]	1.60x10^−01
		Unknown	−0.001 [−0.013 , 0.01]	8.55x10^−01
Diet	Cheese intake	2−4 times a week	−0.003 [−0.007 , 0.002]	2.02x10^−01
		5−6 times a week	0.001 [−0.004 , 0.005]	8.25x10^−01
		Less than once a week	−0.001 [−0.006 , 0.003]	5.32x10^−01
		Once a week	−0.004 [−0.008 , 0.001]	1.12x10^−01
		Once or more daily	−0.003 [−0.008 , 0.003]	3.47x10^−01
		Unknown	−0.001 [−0.006 , 0.005]	8.63x10^−01
	Bread intake	[10, 15)	−0.003 [−0.005 , 0]	2.58x10^−02
		[15, 20)	0 [−0.003 , 0.003]	8.83x10^−01
		[20, 25)	−0.003 [−0.006 , 0]	5.92x10^−02
		[25, 30)	−0.001 [−0.005 , 0.002]	4.71x10^−01
		[30, 200]	0.002 [−0.002 , 0.005]	3.78x10^−01
		[5, 10)	−0.001 [−0.004 , 0.001]	2.96x10^−01
		Unknown	−0.002 [−0.008 , 0.005]	6.16x10^−01
	Bread type	Brown	−0.004 [−0.01 , 0.001]	1.09x10^−01
		Other type of bread	−0.002 [−0.008 , 0.004]	5.86x10^−01
		Unknown	0.001 [−0.008 , 0.011]	7.53x10^−01
		White	−0.003 [−0.009 , 0.002]	2.08x10^−01
		Wholemeal or wholegrain	0 [−0.005 , 0.005]	9.42x10^−01
	Cereal type	Biscuit cereal (e g Weetabix)	0 [−0.002 , 0.003]	7.32x10^−01
		Bran cereal (e g All Bran, Branflakes)	0.003 [0 , 0.006]	4.10x10^−02
		Muesli	0.003 [0.001 , 0.006]	9.59x10^−03
		Oat cereal (e g Ready Brek, porridge)	0.003 [0.001 , 0.006]	1.41x10^−02
		Other (e g Cornflakes, Frosties)	0.001 [−0.001 , 0.004]	2.93x10^−01
		Unknown	0.002 [−0.002 , 0.005]	3.08x10^−01
	Salt added to food	Always	−0.006 [−0.009 , −0.003]	2.95x10^−04
		Sometimes	−0.002 [−0.004 , −0.001]	9.04x10^−03
		Unknown	0.046 [−0.022 , 0.113]	1.83x10^−01
		Usually	−0.003 [−0.006 , −0.001]	3.33x10^−03
	Coffee type	Ground coffee (include espresso, filter etc)	0.003 [0.001 , 0.006]	8.81x10^−03
		Instant coffee	0 [−0.002 , 0.002]	6.81x10^−01
		Other type of coffee	−0.003 [−0.009 , 0.003]	3.39x10^−01
		Unknown	0.001 [−0.002 , 0.003]	6.14x10^−01
	Major dietary changes in the last 5 years	Unknown	−0.01 [−0.025 , 0.005]	2.03x10^−01
		Yes, because of illness	−0.004 [−0.006 , −0.001]	1.35x10^−03
		Yes, because of other reasons	0 [−0.002 , 0.001]	7.30x10^−01
	Not eat sugar or foods drinks containing sugar	Yes	−0.002 [−0.004 , 0]	1.65x10^−02
Alcohol	Alcohol usually taken with meals	It varies	0.001 [−0.001 , 0.003]	3.24x10^−01
		Never consume alcohol	0.005 [0.002 , 0.009]	6.44x10^−04
		Unknown	0.004 [0.002 , 0.007]	8.50x10^−04
		Yes	0.005 [0.002 , 0.007]	5.94x10^−05
Sun Exposure	Skin colour	Black	0.032 [0.023 , 0.041]	4.90x10^−12
		Brown	0.009 [0.003 , 0.014]	2.06x10^−03
		Dark olive	−0.002 [−0.008 , 0.004]	5.45x10^−01
		Fair	0 [−0.003 , 0.002]	7.84x10^−01
		Light olive	0 [−0.003 , 0.003]	9.58x10^−01
		Unknown	−0.002 [−0.009 , 0.004]	5.39x10^−01
	Ease of skin tanning	Get mildly or occasionally tanned	−0.001 [−0.003 , 0.001]	4.38x10^−01
		Get moderately tanned	−0.002 [−0.004 , 0]	4.92x10^−02
		Get very tanned	−0.003 [−0.006 , −0.001]	1.04x10^−02
		Unknown	−0.003 [−0.008 , 0.002]	2.33x10^−01
	Facial ageing	Older than you are	−0.006 [−0.011 , −0.001]	2.42x10^−02
		Unknown	0.002 [−0.001 , 0.005]	1.78x10^−01
		Younger than you are	0.004 [0.002 , 0.005]	2.15x10^−05
	Use of sun uv protection	Always	0.002 [−0.007 , 0.011]	6.95x10^−01
		Most of the time	0.004 [−0.006 , 0.013]	4.51x10^−01
		Never/rarely	0.006 [−0.003 , 0.015]	2.13x10^−01
		Sometimes	0.005 [−0.004 , 0.015]	2.42x10^−01
		Unknown	0.01 [−0.01 , 0.03]	3.17x10^−01
Early life	Country of birth UK elsewhere	Elsewhere	0.009 [0.006 , 0.012]	2.22x10^−09
		Northern Ireland	0.006 [−0.003 , 0.015]	1.77x10^−01
		Republic of Ireland	0.007 [0 , 0.014]	5.85x10^−02
		Scotland	0.005 [0.003 , 0.008]	3.36x10^−05
		Unknown	0.015 [−0.004 , 0.035]	1.21x10^−01
		Wales	−0.004 [−0.007 , −0.001]	1.84x10^−02
	Breastfed as a baby	Unknown	0.004 [0.002 , 0.006]	1.84x10^−04
		Yes	0.003 [0.001 , 0.005]	5.10x10^−04
	Hair colour natural before greying	Black	0.007 [0.004 , 0.01]	5.18x10^−06
		Blonde	−0.002 [−0.004 , 0.001]	1.49x10^−01
		Dark brown	0.001 [−0.001 , 0.002]	3.00x10^−01
		Other	−0.002 [−0.008 , 0.004]	5.42x10^−01
		Red	0.002 [−0.002 , 0.005]	3.26x10^−01
		Unknown	−0.001 [−0.017 , 0.015]	8.67x10^−01
	Maternal smoking around birth	Unknown	−0.002 [−0.004 , 0.001]	1.43x10^−01
		Yes	−0.005 [−0.006 , −0.003]	2.15x10^−08